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AMENDMENTS TO THE CLAIMS:

Claim 1. (Previously amended) A drive apparatus for a plasma display panel comprising a charge recovery circuit that re-uses a recovered electrical charge, said drive apparatus comprising:

a brightness detection circuit for detecting a brightness so as to obtain screen brightness information; and

a charge recovery timing control circuit for controlling a charge recovery period from a time at which a charge recovery operation of said charge recovery circuit starts to a time of fixing to a sustaining potential or a ground potential,

wherein said charge recovery timing control circuit controls said charge recovery period of said charge recovery circuit in response to said brightness information obtained by said brightness detection circuit.

Claim 2. (Previously amended) A drive apparatus for a plasma display panel according to claim 1, wherein said brightness detection circuit comprises:

an image signal accumulator for accumulating a brightness of each pixel of said plasma display panel for each frame or for each field of an image signal; and

an accumulated value comparator for determining whether an accumulated value detected by said image signal accumulator is larger or smaller than a prescribed value.

Claim 3. (Previously amended) A drive apparatus for a plasma display panel according to claim 2, wherein said image signal accumulator accumulates a brightness of all pixels in an effective display area of said plasma display panel.

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Claim 4. (Original) A plasma display panel drive apparatus according to claim 2, wherein said image signal accumulator accumulates only a brightness of pre-established pixels within an effective display area of said plasma display panel.

Claim 5. (Previously amended) A drive apparatus for a plasma display panel according to claim 2, wherein said charge recovery timing control circuit controls so that, when said accumulated value obtained by said image signal accumulator is lower than a prescribed value said charge recovery period is made relatively short, and further so that, when said accumulated value obtained by said image signal accumulator is higher than said prescribed value said charge recovery period is made relatively long.

Claim 6. (Previously amended) A drive apparatus for a plasma display panel according to claim 1, wherein said charge recovery timing control circuit controls to change said charge recovery period for only a sub-field that has a relatively large brightness weight, and to leave said charge recovery period for a sub-field having a relatively small brightness weight unchanged.

Claim 7. (Previously amended) A drive apparatus for a plasma display panel according to claim 1, further comprising a pixel counting circuit for counting a number of pixels of a brightness exceeding a pre-established reference brightness, wherein in a case in which a value counted by said pixel counting circuit is below a pre-established value, said charge recovery timing control circuit controls so as to make said charge recovery period relatively long.

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Claim 8. (Currently amended) A drive apparatus for a plasma display panel according to claim 2, wherein said image signal accumulator accumulates ~~a an~~ brightness of each pixel and then determines the average brightness.

Claim 9. (Previously amended) A drive apparatus for a plasma display panel according to claim 1, wherein said brightness detection circuit comprises a power consumption detection circuit for measuring a power consumption of said plasma display panel.

Claim 10. (Currently amended) A method for driving a plasma display panel comprising a charge recovery circuit for re-using a recovered electrical charge, said method comprising:

accumulating a brightness of each pixel of said plasma display panel for each frame or for each field of an image signal and obtaining an accumulated value thereof;

~~comparing said value accumulated in said accumulating a brightness of each pixel so as to determine~~ whether said value is larger or smaller than a prescribed value; and

changing a charge recovery period from a time at which a charge recovery operation of said charge recovery circuit starts to a time of fixing to a sustaining potential or a ground potential, in response to said comparison results obtained in said comparing said value.

Claim 11. (Previously presented) The method according to claim 10, wherein said accumulating a brightness of each pixel comprises accumulating a brightness of each pixel in an effective display area of said plasma display panel.

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Claim 12. (Previously presented) The method according to claim 10, wherein said accumulating a brightness of each pixel comprises accumulating a brightness of pre-established pixels within an effective display area of said plasma display panel.

Claim 13. (Previously presented) The method according to claim 10, wherein said changing a charge recovery period comprises controlling a charge recovery timing so as to make said charge recovery period relatively long when said value accumulated in said accumulating a brightness exceeds a threshold.

Claim 14. (Previously presented) A drive apparatus for a plasma display panel comprising a charge recovery circuit that re-uses a recovered electrical charge, said drive apparatus comprising:

a brightness detector for detecting a brightness so as to obtain screen brightness information; and

a charge recovery timing controller for controlling a charge recovery period in response to said brightness information obtained by said brightness detector.

Claim 15. (Previously presented) The drive apparatus for a plasma display panel according to claim 14, wherein said brightness detector further comprises:

an image signal accumulator for accumulating a brightness of each pixel of said plasma display panel for each frame or for each field of an image signal.

Claim 16. (Previously presented) The drive apparatus for a plasma display panel

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according to claim 15, wherein said brightness detector further comprises:

an accumulated value comparator for determining whether an accumulated value detected by said image signal accumulator is larger or smaller than a prescribed value.

Claim 17. (Previously presented) The drive apparatus for a plasma display panel according to claim 15, wherein said image signal accumulator accumulates a brightness of all pixels in an effective display area of said plasma display panel.

Claim 18. (Previously presented) A method for driving a plasma display panel comprising a charge recovery circuit that re-uses a recovered electrical charge, said method comprising:

detecting a brightness so as to obtain screen brightness information;
comparing an accumulated brightness value so as to determine whether said brightness value is larger or smaller than a threshold value; and
controlling a charge recovery period in response to said brightness value.

Claim 19. (Previously presented) The method for driving a plasma display panel according to claim 18, further comprising:

re-using a recovered electrical charge with a charge recovery circuit.

Claim 20. (Previously presented) The method according to claim 10, wherein, said controlling a charge recovery period comprises controlling a charge recovery timing so as to make said charge recovery period relatively long when said value accumulated in said

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accumulating a brightness exceeds the threshold.